

ABSTRACT OF THE DISCLOSURE

A sleeve assembly of fiber optical connector is disclosed. The sleeve assembly comprises a sleeve comprising a hollow head including a top hole and a cavity in communication with the top hole, and a tube member having one
5 end secured to the head; and a hollow base for receiving the other end of the tube member. Heating the head will expand the top hole for enabling an insertion of strands of optical fiber through the top hole with a bundle of optical fibers received in the cavity, the tube member, and the base; and cooling the head will contract the top hole to fasten the strands of optical fiber, and using a
10 tool to compress the base will decrease its diameter for fastening the bundle of optical fibers. The invention can increase the transmission distance and improve the transmission quality.